

PERRIN

2008-14 WRX Rear Diff Lockdown System

2024-04-15

PSP-SUS-535

Thank you for purchasing this PERRIN product for your car! Installation of this product should only be performed by persons experienced with installation of aftermarket performance parts and proper operation of high performance vehicles. If vehicle needs to be raised off the ground for installation, the installer must use proper jacks, jack-stands and/or a professional vehicle hoist for safety of the installer and to protect property. If the vehicle is lifted improperly, serious injury or death may occur! Please read through all instructions before performing any portion of installation. If you have any questions, please contact our tech department prior to starting installation. We can be reached in any of the following methods:

Email Tech@PERRIN.com

Instant Chat off the main page of www.PERRIN.com

Or simply call our tech team at 503-693-1702



WARNING: This product can expose you to chemicals including Lead which is known to the State of California to cause cancer birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

SPECIAL NOTES:

- The use of a factory service manual is highly recommended. These can be purchased or downloaded online at <http://techinfo.subaru.com>.
- When installing Diff lockout bushings, keep in mind you are pressing them in by tighten the bolt and nut securing them to chassis. This needs to be done in 2 steps do to limitation on length of bolt used to press it in.

Parts Included with the PERRIN Differential Lock Down:

- (2) Differential Lockout Spacer
- (4) Differential Support Lockdown Bushings

Installing Rear Differential Lockout Spacers

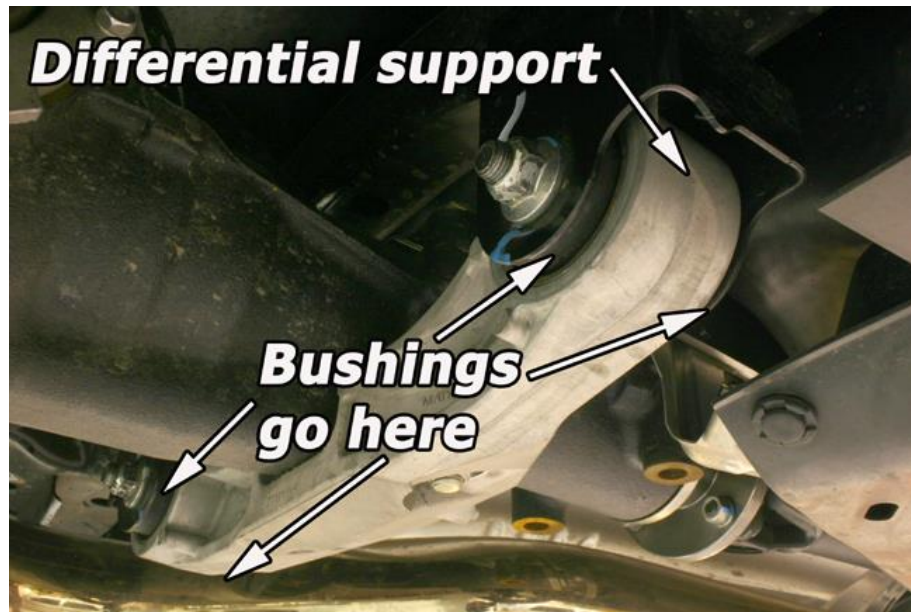
1. Park car on level surface. Using a suitable commercial hoist or jack, raise car and support on jack stands.
2. Locate rear differential bushings pressed into rear subframe. Remove one of two 17mm nuts securing differential to bushings pressed into subframe. **NOTE: If stud comes out with nut, remove nut from stud and re-install into differential.**
3. Lubricate outside of PERRIN Diff lockout with a small amount of anti-seize or grease.
4. Align PERRIN Differential Lockout Spacer with PERRIN logo facing toward back of car. Using a hammer, carefully tap spacer into subframe a small amount to hold it in place.



5. Continue to carefully tap spacer in until the 17mm nuts can be threaded on at least 1 full turn. **NOTE: Make sure spacer goes in as square as possible during this step, or damage may occur in the following steps.**
6. Slowly tighten nuts to continue to press PERRIN Diff Lockdown Spacer into subframe. Tighten to 50-ft-lbs of torque. **NOTE: Bushing should go in straight during this step, if it appears to be going in crooked, tap one side to straighten it out before tightening to 50 ft-lbs.**

Installing differential front support bushings

1. With car still lifted up, remove aluminum differential support from sub frame and differential. (2) 14mm nuts hold support to differential, and (2) 17mm through bolts and nuts hold differential support to subframe.
2. Install red urethane bushings next to OEM rubber bushings, around center mounting points. Make sure to do this to both left and right OEM bushings. **NOTE: 2 bushings install on each side of bushing.**



3. Reinstall differential support brace into subframe making sure red bushings stay in place.
4. Install nuts securing differential support to differential and tighten nuts to 40-ft-lbs.
5. Install bolts through subframe and differential support. Then install nuts and tighten to 40 ft-lbs. **NOTE: Wiggling diff around and jacking up diff will aid in getting bolts to pass through subframe and diff support.**
6. Remove jack supporting differential, and lower car from jackstands.
7. Take car for test drive and listen for noises. There will be some additional drivetrain noise, this is completely normal. If clunks are heard, check that all bolts are tight and take for another test drive.

Questions, Comments and Suggestions Contact: Tech@PERRIN.com

Visit Our Website for Instant Chat Options at www.PERRIN.com

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